

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: May 12-13, 2004

Reference No.: 2.5f.(1)  
Information Item

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Chief Financial Officer

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Ref: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

## **SUMMARY:**

Pursuant to the authority granted by Resolution G-11, State Highway Account and Federal Trust funds totaling \$5,440,000 have been allocated for eleven (11) emergency construction projects described below and on the attached list.

Project #1. In Mendocino County near Cloverdale south of Comminsky Sidehill Viaduct. On February 16-17, 2004, a rainstorm produced over three inches of rain in 24 hours. A corrugated steel pipe (CSP) down drain at this location failed, leaving the highway side slope and lateral support completely exposed to river and run-off erosion. This project backfills the cavity in the roadway prism with rock slope protection (RSP) and reconstructs the drainage facility.

Project #2. In Mendocino County near Leggett at 1.5 mile south of Dora Creek Bridge. On February 16-17, 2004, a rainstorm produced over three inches of rain in 24 hours. The high turbulent flow in the South Fork of the Eel River scoured out a section of the lateral support beneath the highway resulting in complete loss of roadway prism under the southbound lane. This project armors the toe of the slope with rock slope protection and rebuilds the embankment to restore the highway.

Project #3. In San Mateo County in Daly City (John Daly Blvd.) near the Olympic Club. Heavy rain during FY 2002-03 winter enlarged an existing slipout on the west side of this highway. Initial project was for the installation of a pile supported grade beam and retaining walls. In February 2004, during construction, heavy rains washed out the slope within the project limits. The supplemental funds are needed to add rock slope protection and new drainage.

Project #4. In Santa Clara County in San Jose at Tully Road Overcrossing. On February 4, 2004, a truck on northbound 101 with a high load damaged two of the over-crossing bridge girders with concrete falling on the freeway. This project repairs the damaged bridge by removing loose and unsound concrete and recasting a 26-foot section of girder.

Project #5. In Sonoma County in the City of Cloverdale. In July 2002, an unstable soil mass along the cut slope of the southbound lanes threatening the freeway. Initial allocation was for the construction of a 400x28-foot buttress wall. This supplemental is needed because of underestimation of the wall size and unit cost, and costs due to winterization and storm water measures.

Project #6. In Monterey County near Big Sur at 0.2 miles north of Big Creek Bridge. Heavy rains on February 25, 2004 caused a rockslide with boulders over 100 tons inundating a net rockfall system. The system is weakened and needs immediate repairs to prevent further soil/rocks from reaching the highway. This project clears the catchment area behind the net, removes existing rocks in the net, reestablishes and upgrades the existing upslope anchors, and replaces damaged net panels.

Project #7. In San Luis Obispo County near Paso Robles on Routes 1, 41, 46 and 101. As a result of the December 22, 2003 San Simeon earthquake, highway pavement, shoulder and side slope failures occurred along multiple portions of these highways near the quake epicenter. Initial project involved repair of pavement and drainage facilities. Subsequent aftershocks and heavy traffic compounded the damage. This supplemental request is necessary to complete the project. This supplemental is needed to replace 30 additional concrete slabs.

Project #8, In Los Angeles County in the City of Malibu two miles north of the Malibu Canyon Road intersection and Pepperdine University. During heavy rains on February 24, 2004, a large section of pavement collapsed due to separation of an underground storm drain. Traffic had to be routed onto the shoulders. This project repairs/replaces the damaged drainage system, restores the roadbed and replaces the asphalt concrete pavement.

Project #9. In Ventura County north of the Los Angeles County line. In January 2004, high wind and heavy ocean surf caused damage to the roadbed and the asphalt concrete pavement. Rock slope protection was washed away and support for a drainage system outlet headwall was severely eroded. This project will replace lost Rock Slope Protection, rebuild eroded highway shoulder and stabilize the drainage system headwall.

Project #10. In San Bernardino County near Crestline at various locations. Several rainstorms hit this area already denuded by the October fires. Massive amount of sediment and debris clogged and damaged the drainage systems. This project will remove debris and sediment from catch basins, ditches and roadside, clean and fix broken culverts and down drains, reestablish eroded embankments and flow lines and reopen the Silverwood Lake interchange.

Project #11. In San Diego County in San Diego at Balboa Park at the Laurel Street Overcrossing. This historic bridge has concrete spalling around the arch crown joints with the potential of falling from the structure onto the 4-lane highway below. This project will install platform and debris containment, remove unsound concrete, remove interior concrete formwork, repair structure, and conduct traffic control.

**BACKGROUND:**

The California Transportation Commission (Commission) by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department of Transportation (Department) authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slipouts, unusual accidents or other similar events. This immediately allows the Department to begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
  - a. Emergency assistance efforts.
  - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
  - c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

The G-11 Resolution also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment

## 2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
1 \$140,000 Mendocino 01U-Men-101 2.1	Near Cloverdale south of Comminsky Sidehill Viaduct. On February 16 <sup>th</sup> and 17 <sup>th</sup> a rainstorm produced over 3 inches of rain in 24 hours. A corrugated steel pipe (CSP) down drain at this location failed leaving the highway side slope and lateral support completely exposed to river and run-off erosion. This project backfills the cavity in the roadway prism with rock slope protection (RSP) and reconstructs the drainage facility.	453401 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$140,000 - \$140,000
Initial Allocation: 03/22/04:		\$140,000		
2 \$1,500,000 Mendocino 01U-Men-101 95.0	Near Leggett at 1.5 mile south of Dora Creek Bridge. On February 16 <sup>th</sup> and 17 <sup>th</sup> a rainstorm produced over 3 inches of rain in 24 hours. The high turbulent flow in the South Fork of the Eel River scoured out a section of the lateral support beneath the highway resulting in complete loss of roadway prism under the southbound lane. This project armors the toe of the slope with rock slope protection and rebuild the embankment to restore the highway.	453201 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$1,500,000 - \$1,500,000
Initial G-11 Allocation: 02/25/04:		\$1,500,000		
3 \$200,000 San Mateo 04U-SM-35 31.2/31.4	In Daly City (John Daly Blvd.) near the Olympic Club. Heavy rain during the winter of FY 2002-03 enlarged an existing slip-out on the west side of this highway. Initial project was for the installation of a pile supported grade beam and retaining walls. In February 2004, during construction, heavy rain washed out the slope within project limits. The supplemental funds are needed to add rock slope protection and new drainage.	2S2501 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$177,100 \$22,900 \$200,000
Initial G-11 Allocation: 11/18/03:		\$850,000		
Award: 01/14/04:		\$709,600		
Supplemental G-11 Allocation: 03/08/04:		\$200,000		
Revised Allocation:		\$909,600		
4 \$200,000 Santa Clara 04U-SCI-101 30.3	In San Jose at Tully Road Overcrossing. On February 4, 2004, a truck on northbound 101 with a high load damaged two of the over-crossing bridge girders with concrete falling on the freeway. This project repairs the damaged bridge by removing loose and unsound concrete and recasting a 26-foot section of girder.	2S4801 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$200,000 - \$200,000
Initial G-11 Allocation: 03/08/04:		\$200,000		
5 \$500,000 Sonoma 04U-Son-101 52.3	In the City of Cloverdale. In July 2002, an unstable soil mass was identified along the cut slope of the southbound lanes threatening the freeway. Initial allocation was for the construction of a 400x28-foot buttress wall. This supplemental is needed because of underestimation of the wall size and unit cost, and costs due to winterization and storm water measures.	2S1001 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$500,000 - \$500,000
Initial G-11 Allocation: 09/25/02:		\$1,500,000		
Supplemental G-11 Allocation: 02/24/04:		\$500,000		
Revised Allocation:		\$2,000,000		

## 2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
6 \$250,000 Monterey 05U-Mon-1 28.4	Near Big Sur at 0.2 miles north of Big Creek Bridge. Heavy rains on February 25, 2004 caused a rockslide with boulders over 100 tons inundating a net rockfall system. The system is weakened and needs immediate repairs to prevent further soil/rocks from reaching the highway. This project clears the catchment area behind the net, removes existing rocks in the net, reestablish and upgrade the existing upslope anchors, and replace damaged net panels.	0L3901  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$250,000 - \$250,000
Initial G-11 Allocation: 03/08/04: \$250,000				
7 \$250,000 San Luis Obispo 05U-SLO-Various Various	Near Paso Robles on Routes 1, 41, 46 and 101. As a result of the December 22, 2003 San Simeon earthquake, highway pavement, shoulder and side slope failures occurred along multiple portions of these highways near the quake epicenter. Initial project involved repair of pavement and drainage facilities. Subsequent aftershocks and heavy traffic compounded the damage. This supplemental is needed to replace 30 additional concrete slabs.	0L3001  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$250,000 - \$250,000
Initial G-11 Allocation: 12/24/03: \$1,200,000 Supplemental G-11 Allocation: 03/16/04: \$250,000 Revised Allocation: \$1,450,000				
8 \$250,000 Los Angeles 07U-LA-1 50.2	In the City of Malibu, two miles north of the Malibu Canyon Road intersection and Pepperdine University. During heavy rains on February 24, 2004, a large section of pavement collapsed due to separation of an underground storm drain. Traffic had to be routed onto the shoulders. This project repairs/replaces the damaged drainage system, restores the roadbed and replaces the asphalt concrete pavement.	4K2201  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$250,000 - \$250,000
Initial G-11 Allocation: 03/16/04: \$250,000				
9 \$250,000 Ventura 07U-Ven-1 1.01/1.03	North of the Los Angeles County line. In January 2004, high wind and heavy ocean surf caused damage to the roadbed and the asphalt concrete pavement. Rock slope protection was washed away and support for a drainage system outlet headwall was severely eroded. This project replaces lost Rock Slope Protection, rebuilds eroded highway shoulder and stabilizes the drainage system headwall.	4K2001  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$250,000 - \$250,000
Initial G-11 Allocation: 03/16/04: \$250,000				
10 \$400,000 San Bernardino 08U-SBd-138 24.5/29.2	Near Crestline at various locations. Several rainstorms hit this area already denuded by the October fires. Massive amount of sediment and debris clogged and damaged the drainage systems. This project removes debris and sediment from catch basins, ditches and roadside, cleans and fixes broken culverts and down drains, reestablishes eroded embankments and flow lines, and reopens the Silverwood Lake interchange.	0F0101  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.130 201/130	\$400,000 - \$400,000
Initial G-11 Allocation: 03/16/04: \$400,000				
11 \$1,500,000 San Diego 11S-SD-163 1.4	In San Diego at Balboa Park at the Laurel Street Overcrossing. This historic bridge has concrete spalling around the arch crown joints with the potential of falling from the structure onto the 4-lane highway below. This project installs platform and debris containment, removes unsound concrete, removes interior concrete formwork, repairs structure, and conducts traffic control.	264601  SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.110 201/110	\$172,100 \$1,327,900 \$1,500,000
Initial G-11 Allocation: 03/22/04: \$1,500,000				